

Table 1. Comparison of unprocessed vs. chemically processed crawfish waste meal.

Nutrient	*Control	*Treatment #1	*Treatment #2	*Treatment #3
Crude Protein (%)	^b 31.40	^a 61.10	^a 57.90	^a 61.60
Crude Fiber (%)	^b 13.00	^a 33.00	^a 31.50	^a 29.60
Calcium (%)	^a 15.40	^b .80	^c .38	^d .03
Phosphorous (%)	^a 1.36	^b .36	^c .25	^d .07
Ca:P Ratio	^a 11.30	^b 2.20	^c 1.57	^d .43

a,b,c,d

Superscripts denote statistical significant differences at ($P < .01$).

*Control denotes no chemical treatment of the crawfish waste meal. Treatment #1 denotes the use of a strong acid (three molar concentration and two rinses of the product). Treatment #2 denotes the use of a strong acid (three molar concentration and three rinses of the product). Treatment #3 denotes the use of a strong acid (four molar concentration and two rinses of the product).

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Table 2. Comparison of lysine and methionine profiles of unprocessed crawfish waste meal, soybean meal and chemically processed crawfish waste meal.

Nutrient	*Control	*Soybean Meal	*Processed Crawfish Meal
Crude Protein (%)	^a 34.60%	^b 46.80%	^c 61.30%
Lysine (gm/100 gm)	^a 1.34%	^b 2.90	^b 2.30
Methionine (gm/100 gm)	^a .53	^a .57	^b .94
Calcium (%)	^a 14.90%	^b .38	^c .49
Phosphorous (%)	^a 1.50	^b .67	^c .12

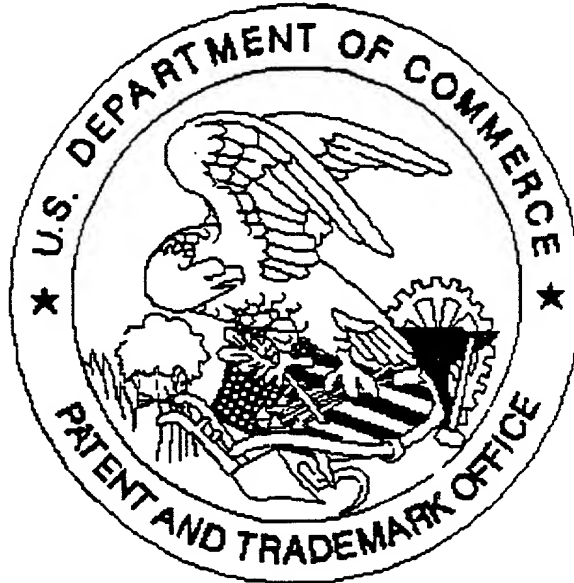
a,b,c

Superscripts denote statistical significant differences at ($P < .01$).

*Control (crawfish meal) and soybean meal samples were chemically treated. The processed crawfish waste meal was treated with a strong acid (three molar concentration and two rinses of the product).

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